

INTERNATIONAL SEARCH REPORT

International Application No
PCT/JP2004/018093

A. CLASSIFICATION OF SUBJECT MATTER
IPC 7 C08L83/04

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 C08L

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, PAJ

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category °	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	US 2002/161140 A1 (YONEDA YOSHINORI ET AL) 31 October 2002 (2002-10-31) paragraph '0039!; claim 1 -----	1-6
A	US 4 198 131 A (BIRDSALL, ARTHUR A ET AL) 15 April 1980 (1980-04-15) example 1; table IV -----	1-6
A	US 2001/039323 A1 (ACHENBACH FRANK ET AL) 8 November 2001 (2001-11-08) the whole document -----	1-6
A	US 6 313 190 B1 (BUBLEWITZ ALEXANDER ET AL) 6 November 2001 (2001-11-06) the whole document -----	1-6

Further documents are listed in the continuation of box C.

Patent family members are listed in annex.

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Date of the actual completion of the international search

27 April 2005

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28/06/2005

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Information on patent family members

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Patent document cited in search report		Publication date		Patent family member(s)		Publication date
US 2002161140	A1	31-10-2002	JP	2002265787 A		18-09-2002
US 4198131	A	15-04-1980	AU	521685 B2		22-04-1982
			AU	4533479 A		27-09-1979
			BR	7901781 A		20-11-1979
			CA	1111185 A1		20-10-1981
			DE	2910361 A1		27-09-1979
			FR	2420781 A1		19-10-1979
			GB	2017336 A ,B		03-10-1979
			JP	1098061 C		27-05-1982
			JP	54130948 A		11-10-1979
			JP	56040326 B		19-09-1981
			NL	7902254 A ,B,		25-09-1979
			SE	440703 B		12-08-1985
			SE	7902606 A		26-11-1979
			AT	375193 B		10-07-1984
			AT	207479 A		15-11-1983
			BE	875015 A1		24-09-1979
US 2001039323	A1	08-11-2001	DE	10017154 A1		22-11-2001
			EP	1146086 A1		17-10-2001
			JP	2001302921 A		31-10-2001
US 6313190	B1	06-11-2001	WO	9740102 A1		30-10-1997
			AU	5689796 A		12-11-1997
			DE	19681408 D2		12-08-1999
			DE	59607465 D1		13-09-2001
			EP	0894117 A1		03-02-1999